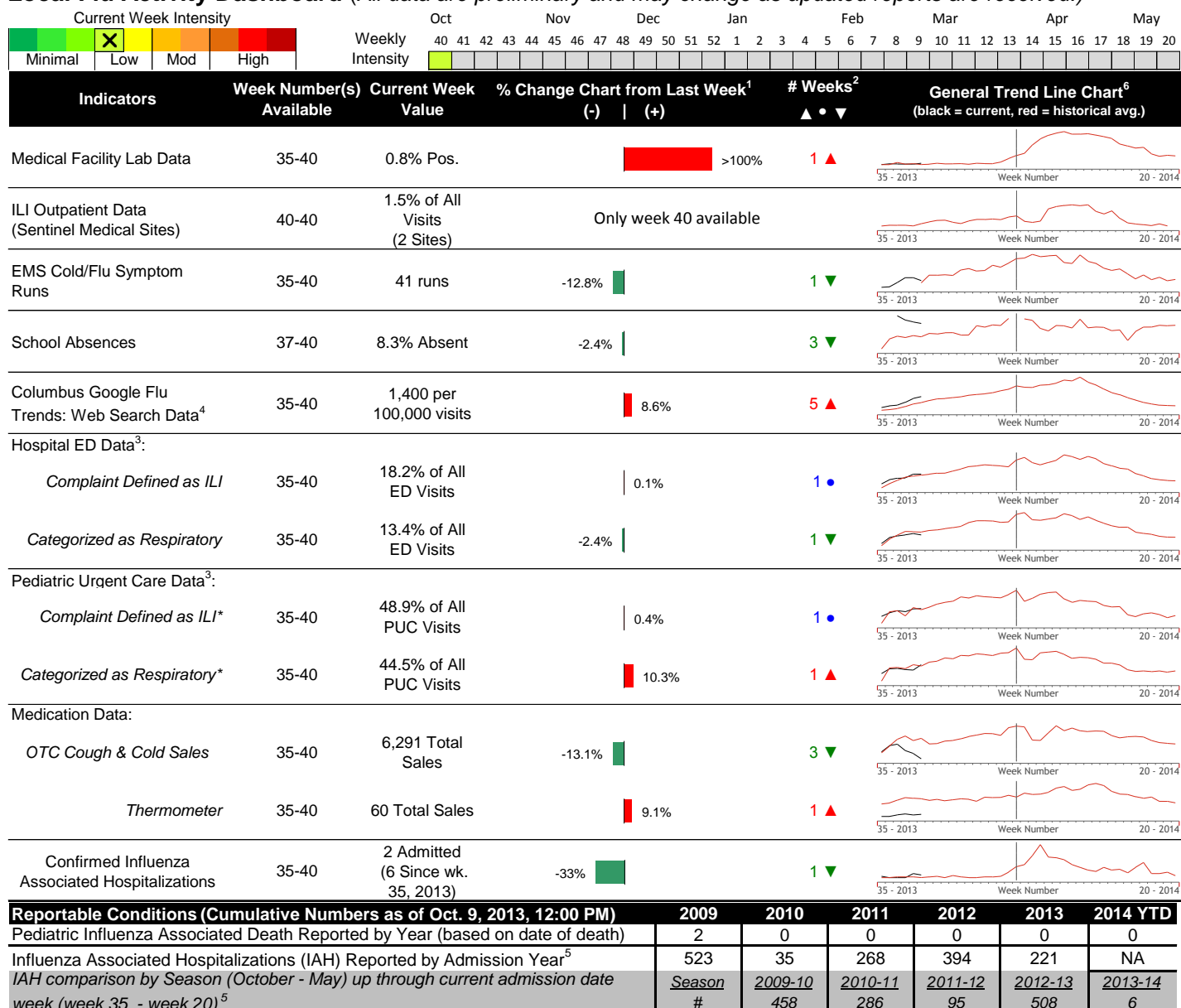


2012-2013 Columbus & Franklin County Seasonal Influenza Activity Weekly Summary (Week 40, Sept 29th – Oct. 5th, 2013)

Highlights

- This is the 1st weekly summary of the 2013-14 Flu season. In week 40 of 2013, the local influenza activity indicators were mixed, with most indicators close to their baseline averages for this time of year.
- Geographic activity and local intensity designation (Click [here](#) for definitions) = NO/LOW, LOW
- Local medical facility labs reported 367 tests run with 3 (0.8%) positive results for week 40 of 2013.
- The percentage of ED visits for influenza-like-illness (ILI) was stable compared to the previous week, while respiratory symptom visits decreased slightly compared to the previous week. The percentage of ED visits for ILI and respiratory symptoms are similar to their weekly historical baseline averages.
- The majority of the local over-the-counter medication sales being tracked decreased (decreases in cough and cold, electrolyte, chest rub, adult anti-fever, pediatric anti-fever, and throat lozenge sales; increase in thermometer sales) compared to last week.
- NOTE: Due to the U.S. Government shut down, National level flu surveillance information is not available. Please [visit the CDC website for specific information](#) (National data is usually updated on Friday of each week).

Local Flu Activity Dashboard (All data are preliminary and may change as updated reports are received.)



¹Interpret with caution. Indicators with small numbers subject to large weekly percentage fluctuations.

² Number of weeks "▲" = Increase (>2%), "▼" = Decrease (>2%), "●" = Stable (-2% to +2%)

³Franklin County, OH residents only (based on zipcode).

⁴Data Source: Google Flu Trends (<http://www.google.org/flutrends>), City = Columbus, OH (Experimental). See website for additional details.

⁵Confirmed cases only. Based on jurisdiction equal to Franklin County or City of Columbus and admission date available in ODRS.

⁶Black line is current years data. Based on data availability, red line is historical average (excluding pandemic year).

CDC 122-Cities Mortality Reporting System: Pneumonia and Influenza (P&I) Mortality

In week 40 of 2013, 6.7% of all Columbus deaths were attributed to pneumonia and influenza (Figure 1). National mortality data is not available at this time.

Influenza Morbidity and Influenza-Like Illness (ILI) Reports

The preliminary week 40 percentage of local outpatient visits for ILI at sentinel medical practice reporting sites was <1.0% (2 reporting facilities). The week 40 percentage of Emergency Department (ED) visits for ILI symptoms was stable compared to the previous week (Figure 3) and is similar to the historic baseline for this week. Pediatric urgent care visits for ILI symptoms was also stable compared to the previous week and is similar to its historic baseline for the week.

National outpatient ILI data is not available at this time.

Laboratory Surveillance

During week 40 of 2013, reporting Franklin County sentinel medical facility laboratories tested 367 specimens, with 3 (0.8%) positive (Figure 4). The total number of tests done by local reporting labs from week 35 of 2012 through week 40 of 2013 is 1,679 with 7 (.42%) positives (2 type A, 5 type B). National laboratory data for weeks 39 and 40 are not available at this time.

Table 1: U.S. Virologic Surveillance (WHO and NREVSS participating labs)

Week	A Total	A (H1)	A 2009 H1N1	A (H3)	A (H3N2v)	A (unable to sub-type)	A (Subtyping not performed)	B Total	Total # Tested	% Positive
38	62 (78.5%)	0 (0%)	6 (9.7%)	1 (1.6%)	0 (0%)	0 (0%)	55 (88.7%)	17 (21.5%)	2393	3.3
39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ODH lab data is not available at this time.

ED and Pediatric Urgent Care Respiratory Visits

In the 40th week of 2013, the percentage of all ED visits categorized as *respiratory* decreased slightly compared to the percentage seen the previous week and is similar to its historic baseline for this week (Figure 5). Pediatric urgent care visits for respiratory symptom visits increased compared to the previous week and is similar to its historic baseline for the week.

Over-the-Counter (OTC) Medication Sales and Antiviral Prescriptions

In week 40 of 2013, trends for the local over-the-counter medication sales generally decreased (decreases in cough and cold, electrolyte, chest rub, adult anti-fever, pediatric anti-fever, and throat lozenge sales; increase in thermometer sales) compared to last week.

Additional Influenza Activity Web Links:

Ohio Seasonal Flu Surveillance: <http://www.odh.ohio.gov/features/odhfeatures/seasflu/ohfluactivity.aspx>

CDC National Seasonal Flu Surveillance Reports: <http://www.cdc.gov/flu/weekly/fluactivity.htm>

CDC International Flu Activity Map: <http://www.cdc.gov/flu/international/activity.htm>

World Health Organization Situation Updates: http://www.who.int/influenza/surveillance_monitoring/en/

Columbus & Franklin County Influenza Monitoring Summary – Week 40, 2013 (9/29/2013-10/5/2013)

**Figure 1: Percentage of Deaths attributed to Pneumonia and Influenza
Columbus, Ohio 2013-14**

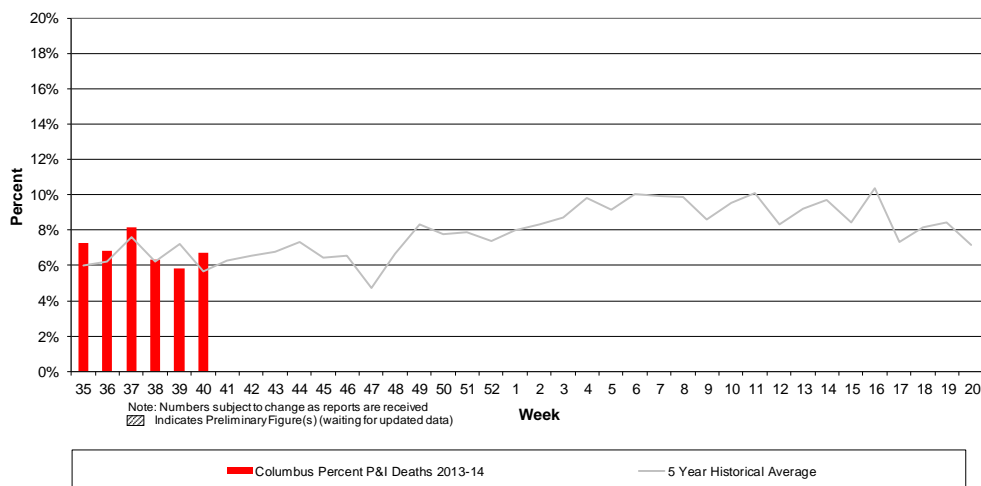


Figure 2: Percentage of Local and National ILI Outpatient Sentinel Health Care Provider Site visits, 2013-14

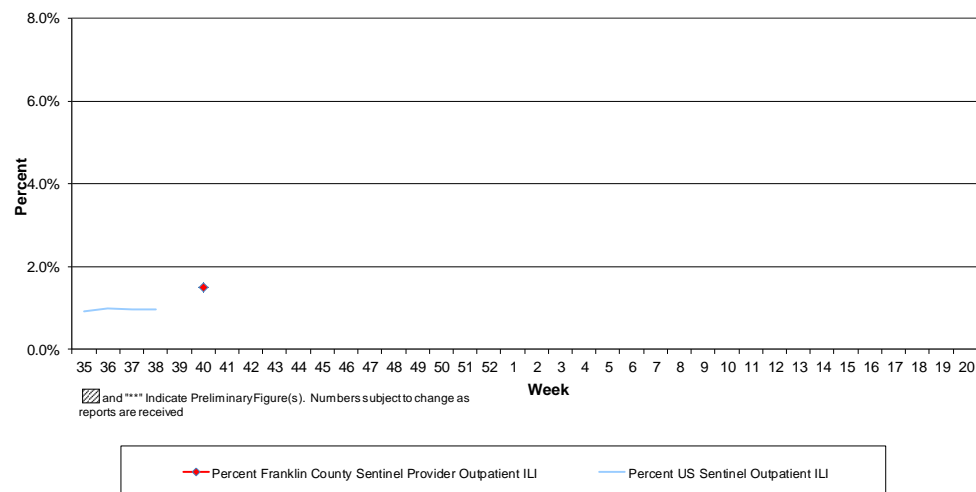


Figure 3: Franklin County Resident ILI Defined* ED and Pediatric Urgent Care Visits, 2013-14, Franklin County, OH

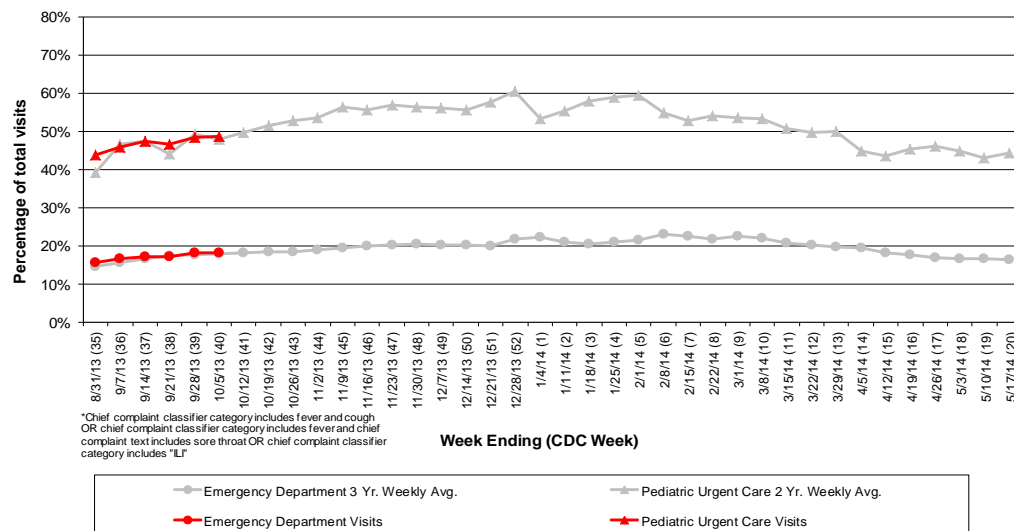
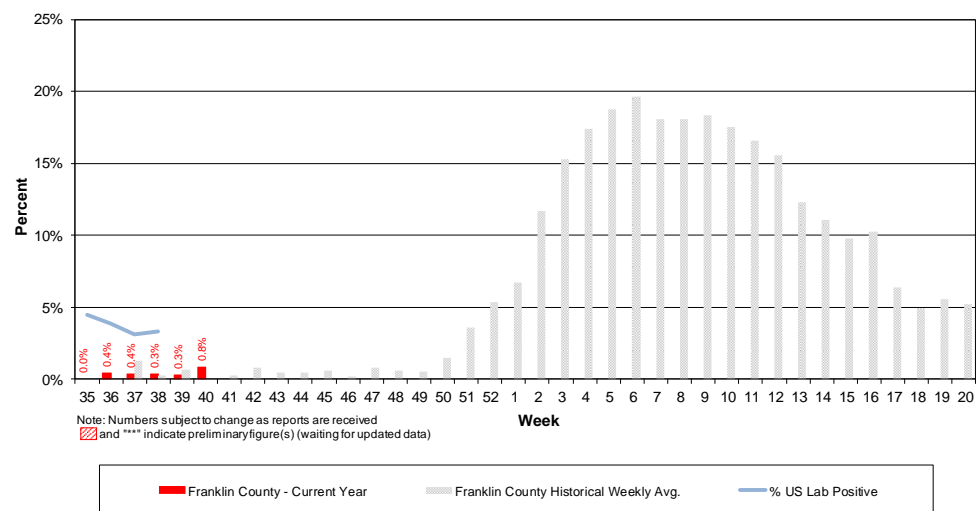


Figure 4: Percentage of Local Reporting and National Laboratory Positive Influenza Tests by Week, 2013-14



Columbus & Franklin County Influenza Monitoring Summary – Week 40, 2013 (9/29/2013-10/5/2013)

Figure 5: Franklin County Resident Respiratory ED and Pediatric Urgent Care Visits, 2013-14, Franklin County, OH

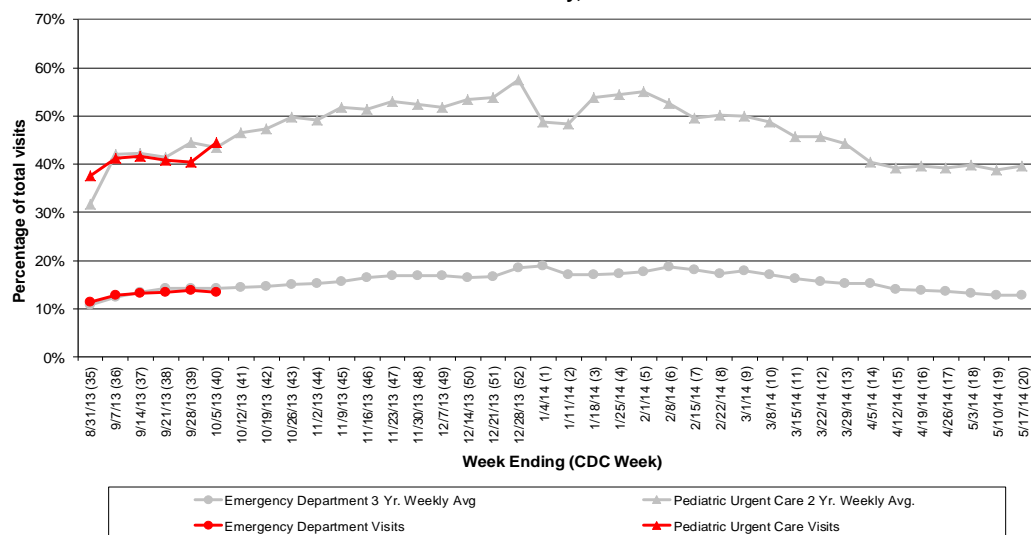


Figure 6: Selected Number of Over-the-Counter Medication Sales, 2013-14, Franklin County, OH

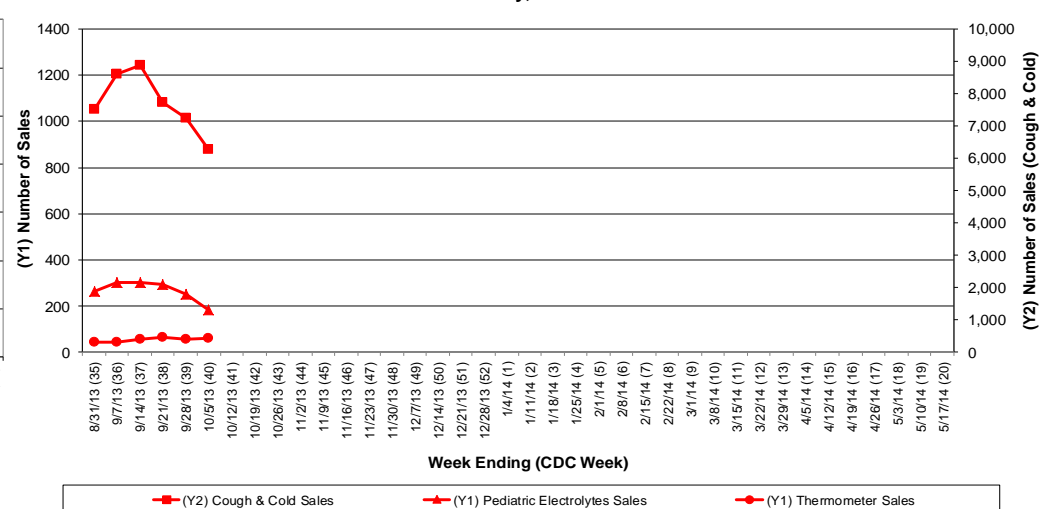
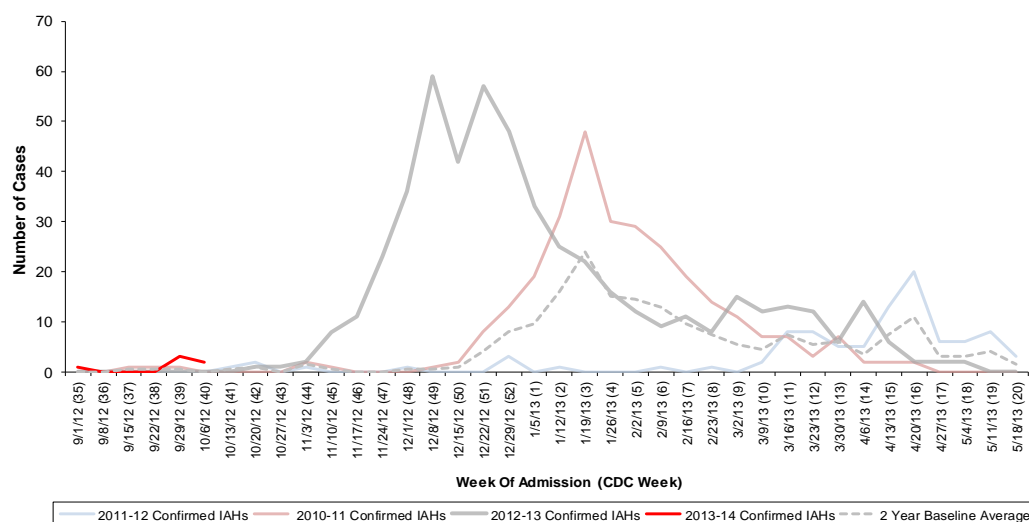


Figure 7: Franklin County Confirmed Influenza Associated Hospitalizations by Hospital Admission Week (As of 1:00 PM, 10/9/2013)



Franklin County, OH, Confirmed Influenza Hospitalization Cumulative Rates (per 100,000 population) by Age-Group and Week, 2013-2014 Season

